

## Conservation Status Assessment

**Scientific Name:** *Fevansia aurantiaca*

**Classification:** Fungus

**Assessment area:** Oregon

**Heritage Rank:** **S2**

**Rank Date:** 3/9/2017

Rank Reasons: 7 known occurrences in Oregon.

**Range Extent:** F = 20,000-200,000 sq km (~8,000-80,000 sq mi)

Comments: Low end of this range, around 25,000 sq. km range. Found only in Oregon, in the Cascade range and west of the Cascades.

**Population Size:** Not assessed

Comments: None

**Number of Occurrences:** B = 6 - 20

Comments: 7 occurrences known from Oregon.

**Area of Occupancy:** D = 6-25 4-km<sup>2</sup> grid cells

Comments: Around 10 occupied grid cells.

**Good Viability:** B = Very few (1-3) occurrences with excellent or good viability or ecological integrity

Comments: One occurrence in Crater Lake National Park, one on the edge of Three Sisters Wilderness.

**Environmental Sensitivity:** Not Evaluated

Comments: None

**Short Term Trends:** Not Evaluated

Comments: None

**Long Term Trends:** Not Evaluated

Comments: None

**Threat Impact:** C = Medium

Comments:

2 of the 7 known occurrences are in protected areas. If the unprotected areas were logged on a 40 year rotation around 18% (1-2 of the occurrences) could be affected in 10 years, and 70% in 100 years. Fire and logging could threaten this species.

**Intrinsic Vulnerability:** Not Evaluated

Comments: None

**Calculated Rank:** G2

**Rank Author:** Caitlin Lawrence

**Rank Reviewer:** Matt Trappe

**References:**

Trappe, James M. and Michael A. Castellano. 2000. New sequestrate Ascomycota and Basidiomycota covered by the Northwest Forest Plan. Mycotaxon 75: 153-179.

Weber, Nancy. 2002. Heritage rank status factors. Assessment for Survey and Manage Project, on-line: [http://orbic.pdx.edu/documents/survey/fevansia\\_aurantiaca\\_global.pdf](http://orbic.pdx.edu/documents/survey/fevansia_aurantiaca_global.pdf)

**Definitions and Resources:**

<b>Rank Prefixes</b>	
G	Global rank, applied to taxon's full geographic range
S	State rank, applied to taxon's range within the designated state
<b>Rank Values</b>	
1	Critically imperiled
2	Imperiled
3	Vulnerable
4	Apparently secure, uncommon but not rare
5	Secure, common, abundant, and widespread

**Suggested citation:**

Oregon Biodiversity Information Center. 2017. Fungi Conservation Status Assessments. Institute for Natural Resources, Portland State University and Oregon State University. Portland, Oregon and Corvallis, Oregon.

More assessments available at <http://inr.oregonstate.edu/orbic/rare-species/ranking-documentation>

Element rank calculator resources at <http://www.natureserve.org/conservation-tools/conservation-rank-calculator>

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